

While the invention has been described with respect to a preferred embodiment, it is apparent that various changes can be made without departing from the scope and teachings of the invention as defined by the appended claims.

What is claimed is:

1. A reclining chair comprising:
a structure having two supporting side frames, each having at least one substantially horizontal member and substantially vertical members, said frames disposed in a spaced apart relationship by cross rails;
a seat disposed within said frames further comprising a bottom board and a back board connected together; and,
means for supporting said seat including (1) a plurality of concentric circular ring sector shaped slots located on said horizontal members further defining the virtual axis of rotation and the stops of said seat thereto said side frames and (2) a plurality of plastic runners attached to said bottom board and sliding therein said slots.
2. A chair as on claim 1 whereby the virtual transverse axis of rotation is horizontally located four to eight inches forward of the rear edge of said seat bottom board .
3. A chair as described in claims 1 whereby the runners are wheels;
4. A chair as described in claims 1 whereby the circular ring sector slots are placed into inserts;
5. A reclining chair comprising:
a structure having two supporting side frames, each having at least one substantially horizontal member and substantially vertical members, said frames disposed in a spaced apart relationship by cross rails;
a seat disposed within said frames further comprising a bottom board and a back board connected together; and,
means for supporting said seat including (1) a plurality of concentric circular ring sector shaped slots located on said bottom board further defining the virtual axis of rotation and the stops of said seat thereto said side frames and (2) a plurality of plastic runners attached to said horizontal members and sliding therein said slots.

6. A chair having a reclinable seat comprising in combination two supporting side frames, each having at least one substantially horizontal member and substantially vertical leg members, said frames disposed in a spaced apart relationship by cross-rails, a seat disposed within said frames further having an upholstered bottom board and an upholstered back board connected together, further comprising:

- a plurality of concentric circular ring sector slots located on each of the horizontal members, a lining material covering the slots lower paths; the slot paths having detent means to moveable engage with corresponding detent means located on the runners;
- a plurality of runners moveable engaged into said slots and attached onto brackets that are securely connected to the bottom board, the runners having matching curvatures with the slot paths, the runners having substantial end surfaces to engage said slots ends;
- elastic elements attached at one end to the horizontal member and at the other end to the bottom board to force the seat against its upright position stops; and,
- cover plates fastened to the horizontal members having circular ring sector shaped slots concentric with the axis of rotation of the seat, the runners moveable engaged thereunto the cover plates openings, the slots ends having substantial surfaces to stop the runners rotation.

7. A chair having a reclinable seat having in combination two supporting side frames, each having at least one substantially horizontal member and substantially vertical leg members, said frames disposed in a spaced apart relationship by cross-rails, a seat mounted within said frames further having an upholstered bottom board and an upholstered back board connected together, further comprising:

- channel shaped horizontal members, circular segment means attached to the inside of said horizontal members, a lining material covering the paths on said circular segments;
- a plurality of runners sliding over the arc surface of said circular segment means and attached onto brackets that are securely connected to the bottom board, the runners having matching curvatures with the paths, the runners having substantial end surfaces to engage the flanges of said horizontal members;
- elastic elements attached at one end to the horizontal member and at the other end to the bottom board to force the seat against its upright position stops; and,
- cover plates fastened to the circular segment means having circular ring sectors shaped slots concentric with the arc of the circular segments, the runners moveable engaged thereunto the cover plates openings, the slots ends having substantial surfaces to stop the runners rotation.

8. A chair as on claim 7 whereby the virtual transverse axis of rotation is horizontally located four to eight inches forward of the rear edge of said seat bottom board .